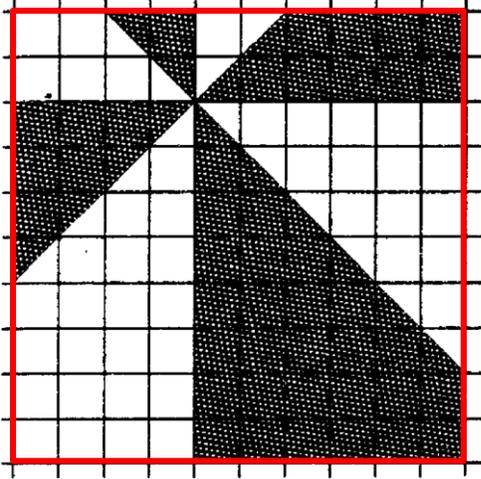
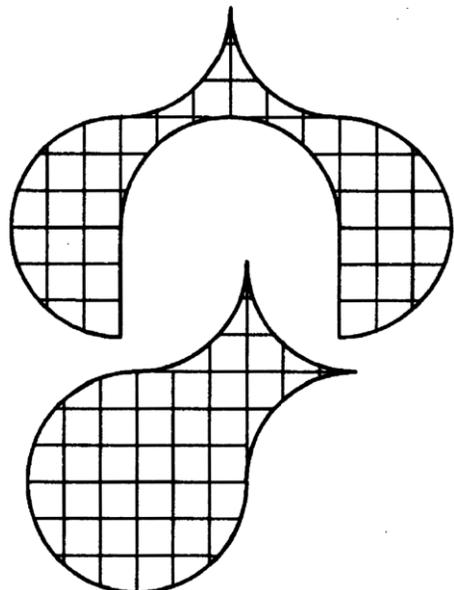
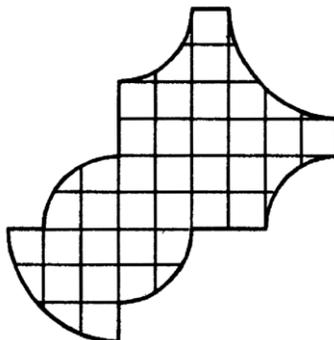
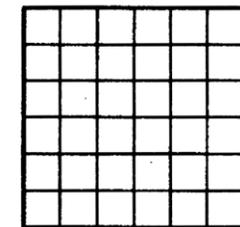
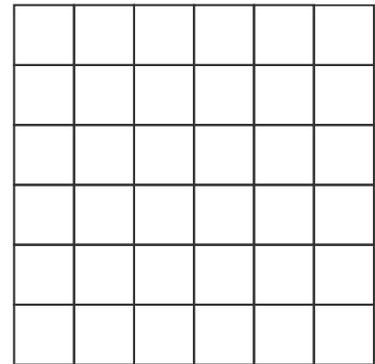
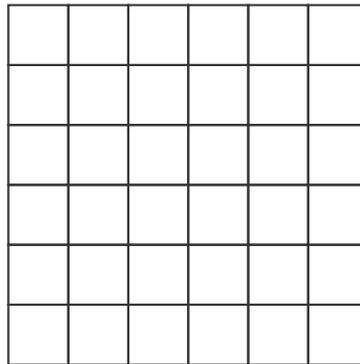
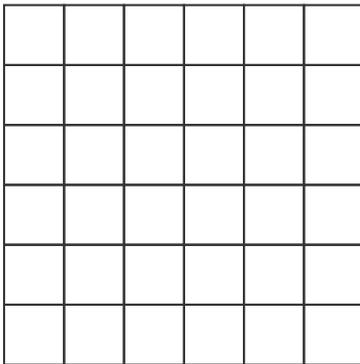


1. What is the area of trapezoid if its bases are 4 and 5 cm. and the distance between bases is 2 cm?
2. Imagine that we use a “triangular centimeter” (an equilateral triangle with the side of 1 cm) to measure area, What will be the area of an equilateral triangle with side 5 cm in this “triangular centimeters”?
3. Which part of the square is shaded?



4. Cut squares and combine the figures below.



5. Factorize:

Example:

$$2(x - 3) + x^2 - 3x = 2(x - 3) + x(x - 3) = (x - 3)(2 + 2x)$$

a. $3(x - 4) + x^2 - 4x$;

b. $2x - 8 - x(x - 4)$;

c. $x^3 + 5x^2 - 2x - 10$;

d. $x^3 - 6x^2 - 2x + 12$;

6. Evaluate:

$$\left(\frac{\sqrt{561^2 - 459^2}}{4\frac{2}{7} \cdot 0.15 + 4\frac{2}{7} \cdot \frac{20}{3}} + 4\sqrt{10} \right) : \frac{1}{3}\sqrt{40}$$